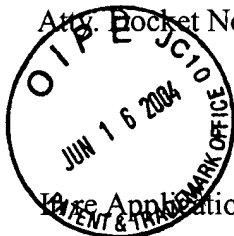


1fw



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant of: Robert G. McNiece

Serial No.: 10/731,784

**Confirmation No.: 4903**

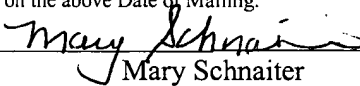
Filing Date: December 9, 2003

Examiner: Not yet assigned

Art Unit: 2655

Title: APPARATUS FOR CREATING A MULTI-DIMENSIONAL DATA SIGNAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<u>Certification Under 37 C.F.R. 1.8</u>	
Date of Mailing:	<u>6-4-04</u>
<p>I hereby certify that I have caused the documents indicated herein to be deposited with the United States Postal Service to Addressee" under 37 CFR § 1.8 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and mailed on the above Date of Mailing.</p>	
 Mary Schnaiter	

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR § 1.97(e)(1)**

Dear Sir:

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. A copy of the art is enclosed for the convenience of the Examiner.

Citation of the documents shall not be construed as:

- 1) an admission that the documents are necessarily prior art with respect to the instant invention;
- 2) a representation that a search has been made, other than as described above; or
- 3) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

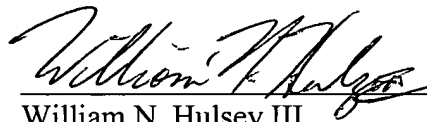
While Applicants believe no fees are due, if any fees are due, the Commissioner is hereby authorized to charge Hulsey, Grether + Fortkort, LLP, Deposit Account No. 50-2726.

Should the Examiner have any questions or desire clarification of any sort, the Examiner is invited to telephone the undersigned at the number listed below. Please reference Attorney Docket No. LUCE001US0.

Respectfully submitted,

HULSEY, GRETHER + FORTKORT, LLP

By:



William N. Hulsey III

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Dated: 6-4-04



Confirmation No.: 4903

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				COMPLETE IF KNOWN	
				Application Number	10/731,784
				Filing Date	December 9, 2003
				First Named Inventor	Robert G. McNiece
				Group Art Unit	2655
Examiner Name	Not yet assigned				
Sheet	1	of	1	Attorney Docket Number	LUCE001US0

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yy	Class	Subclass
		4,176,252	Dutkovich, Steven J.E.	11/27/1979	179	1G
		5,258,970	Kobayashi, Seiji	11/02/1993	369	109
		5,267,051	Dellert, David W.	11/30/1993	358	426
		5,319,629	Henshaw, Philip D. et al.	06/07/1994	369	103
		5,434,426	Furuyama, Hideto et al.	07/18/1995	250	551
		6,198,557 B1	Dultz, Wolfgang et al.	03/06/2001	359	127
		6,219,311 B1	Mitsuno, Makoto	04/17/2001	369	32
		6,236,483 B1	Dutt, Birendra et al.	05/22/2001	359	136
		6,519,340 B1	Javidi, Bahram	02/11/2003	380	28
		6,525,862 B2	Fisher, Walter G. et al.	02/25/2003	359	278
		2001/0012246 A1	Mitsuno, Makoto	08/09/2001	369	32
		2002/0089912 A1	Kobayashi, Toshikazu	07/11/2002	369	53.23
		2002/0181781 A1	Javidi, Bahram et al.	12/05/2002	382	210
		2003/0058782 A1	Kondo, Tetsuya	03/27/2003	369	275.4

Foreign Patent Documents									
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Class	Subclass	Translation	
		Office	Number						
		JP	63298213 A	Hideaki, Nakazato	12/06/1988	G02B	26/10	Y	N
		JP	2000230815 A	Noboru, Azuma	08/22/2000	G01B	11/24	Y	N
		EP	0 507 304 A2	Seiji, Kobayashi	02/04/1992	G11B	7/007		
		PCT	WO 99/34358	Lou, David Y.	07/08/1999	G11B	7/00		

Non Patent Literature Documents			
Examiner Initials*	Cite No.		
		Towery, Christopher and Dowdell, E. Alan; "Advanced Optical Fiber for Long Distance Telecommunication Networks"; paper presented at AMTC 2000; 10 pages	

Examiner Signature		Date Considered	
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